PORTABLE THERMOCOUPLE CALIBRATOR

The CALsys 650 Autocal is an automatic temperature calibration system for the Thermocouple and RTD's. The system consists of Temperature bath and PC software, which together contribute to the whole cycle of auto calibration process. The system accepts 4 channels, 4 Thermocouples or 4 RTD's. The connection for these channels through special type of locking connectors. The channel configuration can be done with LCD display via touch screen keypad. The thermocouple microvolt & RTD ohm reading for each channel is monitored with CJC compensation. After the calibration process complete the PC software generates a report of actual calibrated values for the inputs.

**SPECIFICATIONS**

- **Temperature Range**: 50°C to 650°C
- **Stability**: ±0.1°C
- **Display resolution**: 0.1°C
- **Heating time**: 50°C to 650°C in 25 min
- **Cooling time**: 650°C to 100°C in 70 min with Forced Cooling.
- **Calibration volume**: 32 mm Dia & 150 mm long
- **Calibration Block**: 32 mm Dia & 120 mm depth with 4 holes of 6.5 x 120 mm insertion depth
- **Display Unit**: °C, °F or K
- **PC Interface**: Ethernet port
- **Software**: The calibrator should be provided with software for data recording (Manual Mode) and Test Certificate generation in Auto Mode
- **Data logging**: Data logging facility with logged data export to USB
- **Power supply**: Single phase 230V AC, 1KW
- **Dimensions**: 225(H)x185(W)x265(D)mm
- **Weight**: 8.80 Kg (without packing)

**KEY FEATURES**

- Easy-to-read color 7 Inch LCD display with perfect overview of the actual status
- Intuitive, fast and user-friendly navigation
- 4 Channel Calibration (4 No's for Thermocouples or 4 No's for RTD's)
- Includes Easy to use Connectors
- Internal CJC compensation
- Data Logging of selected channel
- Ethernet Communication with CALsys Model & PC/Laptop
- USB connector for communication (Optional)

**STANDARD ACCESSORIES**

- Reference Standard Thermocouple ('N'Type T/C)......Part No. TTCN-300
- NABL accredited calibration certificate - 3 point
- Operational Manual
- Carry Case

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